

### DETAILED ACTION

1. The reply filed on 03/09/2009 is not fully responsive to the prior Office Action because of the following matter(s):

In the Response filed on 03/09/3009, the Applicants assert that the originally filed specification at page 6, which corresponds to paragraph [0014] of the patent application publication 2004/0046884, provides support for independent claims 10 and 11 in the specification. Paragraph [0014] recites (emphasis):

According to one aspect of this invention, the electric camera to realize the above objectives has: an image sensing device with a light receiving surface having N vertically arranged pixels and an arbitrary number of pixels arranged horizontally, N being equal to or more than three times the number of effective scanning lines M of a display screen of a television system; a driver to drive the image sensing device to vertically mix or cull signal charges accumulated in individual pixels of every K pixels to produce a number of lines of output signals which corresponds to the number of effective scanning lines M, K being at least one of integers equal to or less than an integral part of a quotient of N divided by M; and a signal processing unit to generate image signals by using the output signals of the image sensing device.

After carefully review this paragraph and entire the specification, the examiner agrees that the paragraph [0014] does have support for the limitation “a first driver to drive the image sensing device to vertically mix or cull signal charges accumulated in individual pixels of every K pixels to produce a number of lines of output signals which corresponds to the number of effective scanning lines M, K being at least one of integers equal to or less than an integral part of a quotient of N divided by M,” as claimed in claim 11.

However, the Examiner still can not find in this paragraph [0014] or anywhere in the specification the support for the limitation “a driver to drive the image sensing device to

vertically mix or cull signal charges in individual pixels of K pixels to produce, during a vertical effective scanning period of the television system, a number of lines of output signals which corresponds to  $1/K$  the number of vertically arranged pixels N of the image sensing device” as recited in claim 10, and the limitation “a second driver to drive the image sensing device to vertically mix or cull signal charges in individual pixels of K pixels to produce, during a vertical effective scanning period of the television system, a number of lines of output signals which corresponds to  $1/K$  the number of vertically arranged pixels N of the image sensing device” as claimed in claim 11. Therefore, the 35 U.S.C. § 112, first paragraph rejections of claims 10-21, as addressed in Office Action on 08/11/2008, still maintain.

The Applicants are required to specifically point out in the specification the support for these limitations (specifically, which element of the camera of the invention corresponds to limitation “a second driver”, and how a number of lines of output signals corresponds to  $1/K$  the number of vertically arranged pixels N of the image sensing device). See 37 CFR 1.111.

Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUONG T. NGUYEN whose telephone number is (571) 272-7315. The examiner can normally be reached on 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DAVID L. OMETZ can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LTN  
06/20/09

/LUONG T NGUYEN/  
Examiner, Art Unit 2622